**ABSTRACT**

The present invention provides a network and a method for implementing localized roaming of mobile subscribers; said network comprises BTS, BSC, VLR, HLR, and RNM that is connected

5 to HLR; said RNM is used to manage mobile phone numbers in the home region and the contracted roaming region and allocate the numbers in the contracted roaming region to roaming subscribers dynamically to implement localized roaming; said method comprises: configure the numbers in the contracted roaming

10 region, the numbers in the independent PSTN/ISDN, and the code of the SP for the RNM; configure data in the network entities in the contracted roaming region/network and the home network; establish the interface between the RNM and the contracted roaming region/network as well as between the RNM and the home

15 network; the subscribers utilizes above configuration to implement localized roaming. With above method and network, localized roaming of mobile subscribers can be implemented, and the communication costs of subscribers in roaming state can be reduced greatly; furthermore, the solution in the present

20 invention requires little modification to the traditional mobile networks and is featured with low cost and easy implementation.